

INCYT

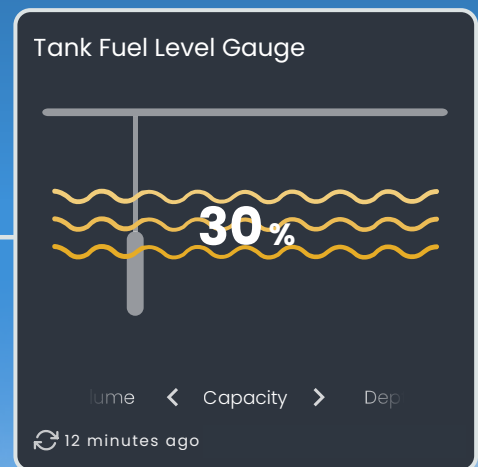
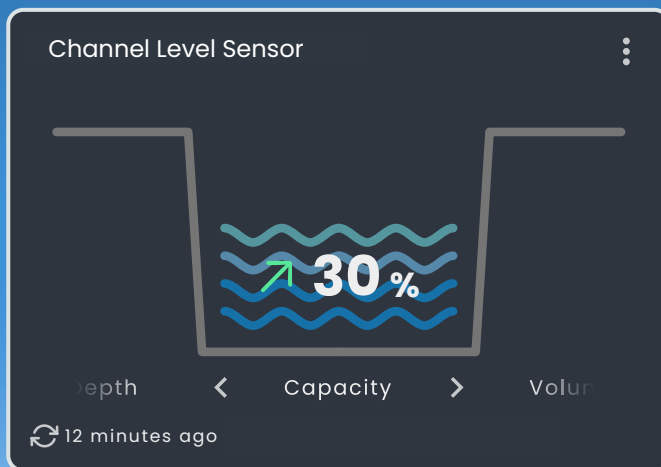
Product Catalogue

2026



INCYT

Powering better farming decisions



- + Remote tracking & sensing
- + Customisable alerts
- + One app, unlimited insights
- + Products that are built to last

- + Simple plug 'n play setup
- + Drive increased productivity
- + Make more informed decisions
- + Get your time back

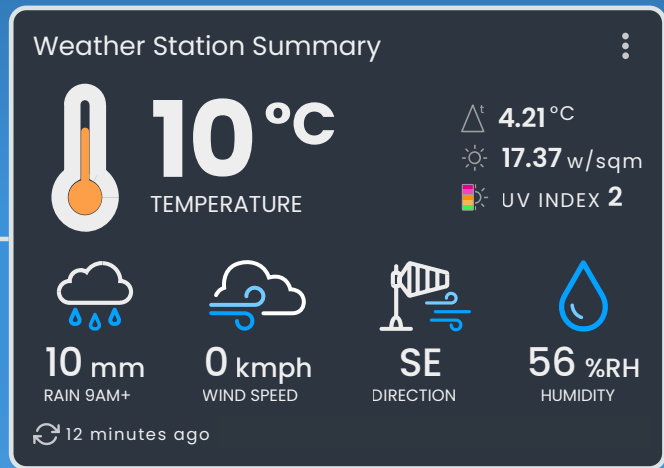
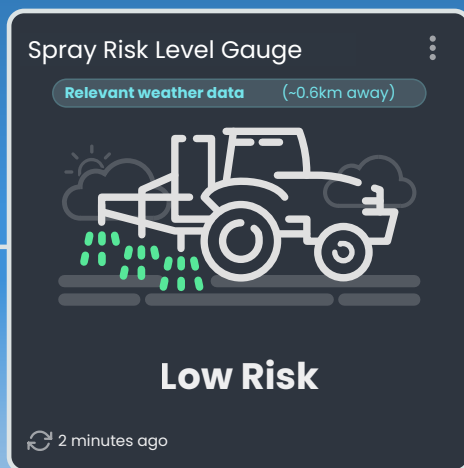


TABLE OF CONTENTS

Product Features Icons Key	5
How It Works.....	6
The INCYT Platform	8
Onboarding Process.....	9
INCYT Stream.....	10
INCYT Protect	11
The INCYT Team	12
Customer Testimonials	13
The INCYT Ecosystem.....	14
Products	15
Access Our Case Studies	54

MOST POPULAR PRODUCTS

EnviroPro® Soil Moisture Probes	18
Fuel Level Monitor (hydrostatic).....	19
Mission Control	20
Polaris Battery Powered Trackers.....	21
Sentek Drill & Drop Soil Moisture Probes.....	22
Spray Advisory and Inversion Monitoring	23
Water Level Monitor (hydrostatic).....	24
Water Level Sensor (Ultrasonic)	25
Water Presence Sensor.....	26
Weather Station.....	27

IRRIGATION & WATER MONITORING

Drip Line Pressure Monitor	28
Irrigation Pressure Monitor	29
Irrigation Motion Detection System.....	30
Leaf Wetness Sensor.....	31
Pipe Pressure Monitor.....	32
Pump Monitors	33
Pump Monitoring and Control.....	34
Pump Runtime Sensor	35
Water EC/Salinity Sensor	36
Water pH Sensor	37
Water Flow Rate	38

WEATHER & SPRAY ADVISORY

Rain Gauge Standard.....	39
Temperature and Humidity Sensor	40

MICROCLIMATE MONITORING

Frost Detection System.....	41
Hay Storage Monitoring Systems	42
Industrial Temperature Probes	43
Portable Hay Baling Advisory Standard	44
Camera.....	45

FARM INFRASTRUCTURE & ASSETS

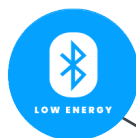
Door & Gate Status.....	46
Fence Monitor	47
Road Crossing Detection	48
Wild Animal Trap Monitoring.....	49
Wireless Liquid & Gas Monitoring.....	50
Andromeda LTE + Satellite Battery Powered Tracker	51

TRACKERS

Antares Tracker + Gateway	52
Lyra Bluetooth, Battery Powered Tracking Beacon.....	53

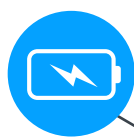
PRODUCT FEATURES KEY

The icons below highlight the key features and details of products, and help you to easily navigate the INCYT Catalogue



BLE

Device utilises BLE (Bluetooth Low Energy)



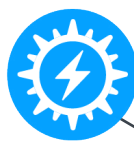
Battery Powered

Device is powered by an industrial-grade battery



Satellite

Device has satellite connectivity capability



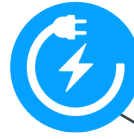
Solar Powered

Device can be powered by an external solar powered kit



LTE-M

Device utilises LTE-M connectivity



Mains Powered

Device can be powered by mains power supply



XR

Device is compatible with the long range, low power XR Network



Plug n' Play

Minimal setup required. These devices are out-of-the-box, Plug n' Play compatible



Track

Geolocation tracking of an asset



Built To Last

Designed and manufactured to operate in the harshest field conditions



Track + Sense

Geolocation tracking plus sensing, e.g. temperature and humidity reporting



Scan n' Play

Open the box, scan the device and be up and running quickly.

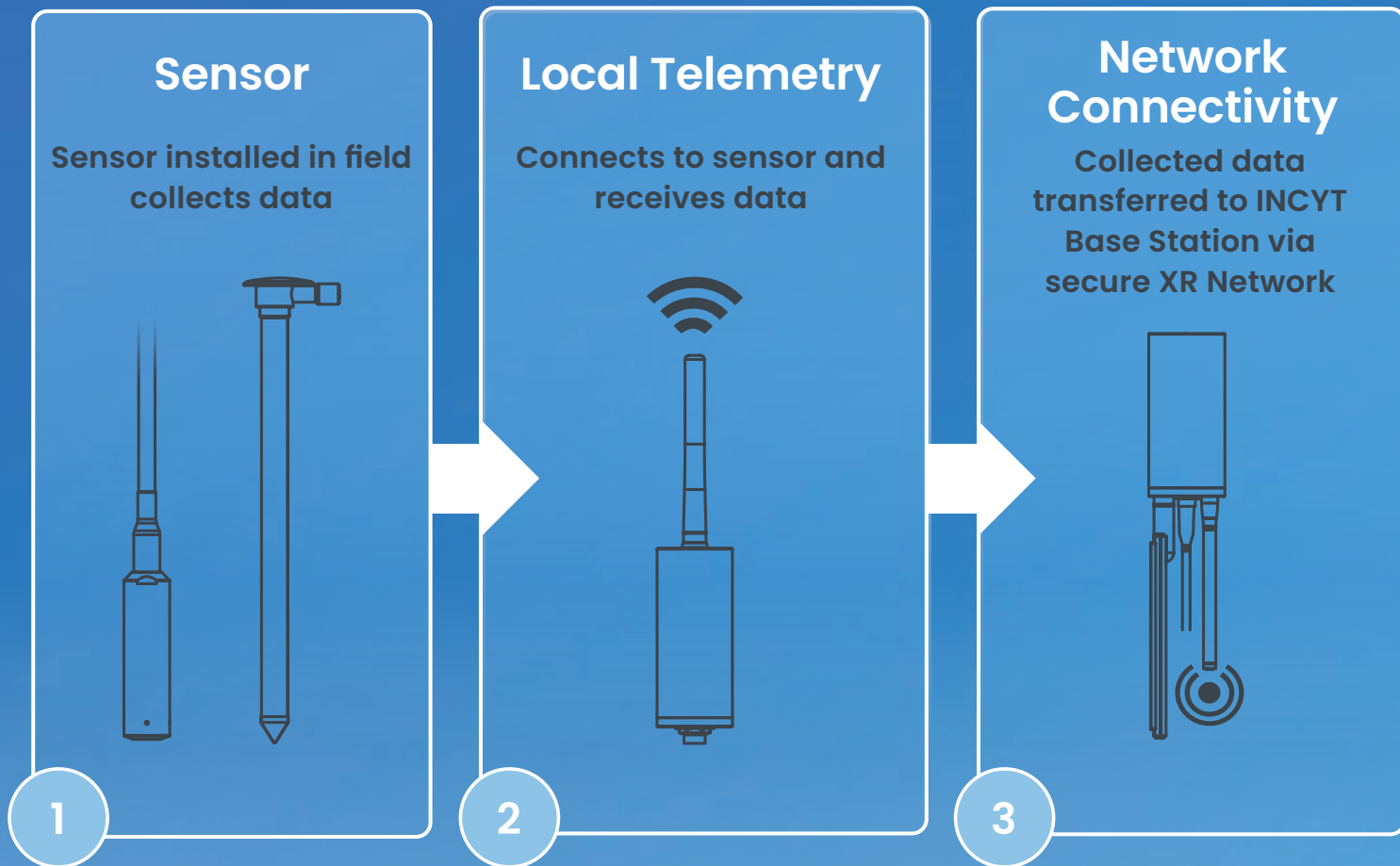


Specialist Installation

Requires an INCYT trained Installer to get you up and running

Smart Farming with INCYT

How it works at a glance



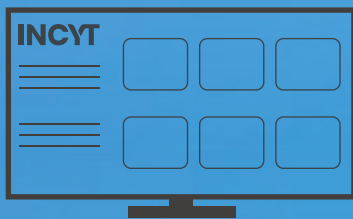
Subscription Process



A more in-depth view of this process can be found on page 14

Reporting

Data is analysed and displayed on the INCYT app, accessible on computer, tablet or mobile.



Alerts

Customisable alerts and notifications are sent via SMS or email.



Enhanced Decision Making

Make confident, informed decisions



4

5

6

Read more about INCYT Stream on page 10
Or scan here to learn more on our website



1 App. 1 Cockpit. Unlimited Insights

Wherever you are, see what's happening on your smart farm at a glance – on your phone, tablet or computer with the INCYT app.



INCYT Cockpit View

- + Consolidated view of all your INCYT applications
- + Rearrange to your preference, so you see what's most important to you first
- + Easily share with those you trust; contractors, agronomists, neighbours, etc
- + Any edits made are reflected immediately



INCYT Map View

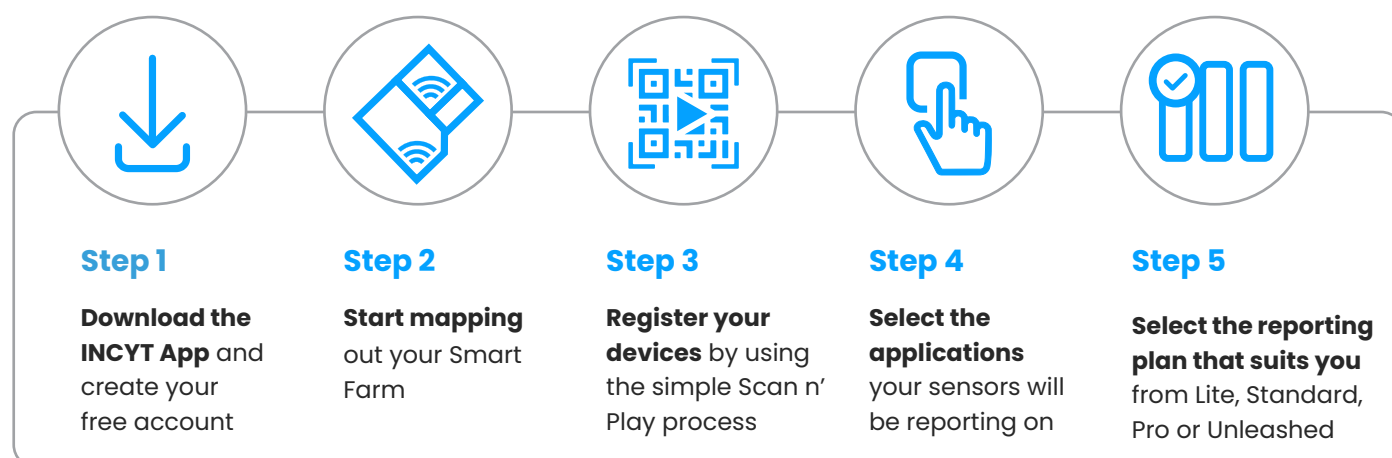
- + See the location of all your assets at once
- + Map your boundaries
- + Personalise with icons and unique names
- + Colour-code your zones
- + Any edits made are reflected immediately
- + View sensor data all at once



Try Our Demo Account

Scan or click the QR Code to request access to our Demo account and experience the platform for free before you buy!

Getting started with INCYT



Available plans

Choose the plan* for your kit that works best for your reporting needs. And if you need to switch it, just make the change through the app – you're in control with INCYT. *Plans are Application specific. Details on pricing and reporting specifics are available on the INCYT App, or by contacting an INCYT representative.

	Lite	Standard	Pro	Unleashed
Replace manual checking	✓	✓	✓	✓
Unlimited data retention		✓	✓	✓
Customisable alerts		✓	✓	✓
High frequency updates			✓	✓
Constant reporting				✓



Onboarding Process

- Phase 1 Planning:** Platform tutorial, connectivity & network modelling.
- Phase 2 Deployment:** On-farm survey, installation design and rollout.
- Phase 3 Support:** Sensor configuration and platform setup.

Scan or click the QR Code to learn more about INCYT's onboarding process.

INCYTSTREAM

INCYT
STREAM

On-farm monitoring without the capital expenditure

- ✓ **No upfront hardware costs**
- ✓ **No long-term contracts**
- ✓ **All the benefits**

Get access to INCYT's industry-leading AgTech without the large up-front costs. With INCYT Stream you pay a small monthly fee to have hardware on your farm instead of having to buy equipment 'outright'. INCYT's Stream fees include the usual monthly data subscription fees, so there's nothing more to pay! Stream can be billed monthly, quarterly, half-yearly or yearly - depending on your preference.

Inclusions

- + **INCYT Protect** - your hardware cover for accidents, thefts, and damage outside of warranty.
- + **Access to INCYT's full product range** - every INCYT sensor and product is available on Stream.
- + **INCYT Evolve** - get the opportunity to upgrade to the latest INCYT technology as it's developed, so you don't have to worry about outdated technology.
- + **Local inventory available** - in most Australian regions, for added peace of mind that you have continuity when it comes to monitoring your farm.
- + **Best-in-class on-farm support** - INCYT's team is based throughout Australia's agricultural regions, assuring you that you can get support no matter what happens or when.
- + **Add more sensors at anytime** - you can add new sensors to your plan at any time as the need arises within your operation.

INCYT**PROTECT**

INCYT
Protect

Support and care for your products, from the people who designed them

INCYT Protect provides a repair or replacement service for your device. With access to premium support services and hardware coverage from INCYT, you can rest assured that you are covered when choosing the relevant protection that your device will need.



Hardware Cover

If your device is accidentally damaged, or stolen we'll refurbish or replace it, so you never miss a beat with your reporting.



Software Support

Premium support for your INCYT account and app dashboards so you can get setup the way you want, with the reports that matter most to you.



Advanced Support

Access to dedicated support for your account to help with any troubleshooting issues and application support.



Meet your local representatives



Matthew Westgarth

Head of Sales
Australia

+61 437 674 645 | matt.w@incyt.com.au



Bjorn van Wilsem Vos

Partnership + Sales
Australia

+61 475 590 028 | bjorn.vwv@incyt.com.au



John McKay

Technical Sales + Partnership Support
Northern + Central NSW
+61 400 949 086 | john.m@incyt.com.au



David Sims

Sales + Partnership Consultant
Southern NSW, Northern VIC
+61 477 951 599 | david.s@incyt.com.au



Lilly McCook

Technical Sales + Partnership Support
Southern QLD, Northern NSW
+61 448 682 888 | lilly.m@incyt.com.au



Tim Roebuck

Technical Sales + Partnership Consultant
Southern NSW, Northern VIC
+61 419 834 035 | tim.r@incyt.com.au

Customer Success

1300 952 091 | support@incyt.io

General Enquiries

02 9191 1501 | enquiries@incyt.io

Media Enquiries

0411 658 622 | marketing@incyt.io

Hear it from people like you



Swansbel Pastoral, Wee Waa, NSW.

"Having INCYT saves days, literally days, during the season; it just frees up your mind so that when you're at home, your mind is at home too." – Ben Swansbra.



Dunedin Pastoral, Trangie, NSW.

"The INCYT team have been great partners for our business: we've had excellent service from the field support team and were even invited to visit INCYT's head office in Sydney to meet the team and see the projects that the engineering team is working on. Every farmer knows how important customer support is, and INCYT's is top-notch." – Bill Ferguson



Break-O-Day, Donald, VIC.

"Whether we're talking rainfall data, soil moisture data or weather information; I use all of it to make better and more accurate decisions across my farming operation. INCYT offers me this data in a format that's easy to understand and digest from equipment that's reliable." – Jason Mellings.

The INCYT Ecosystem

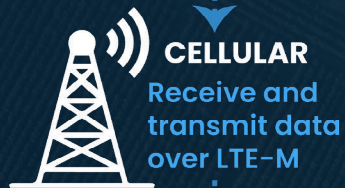
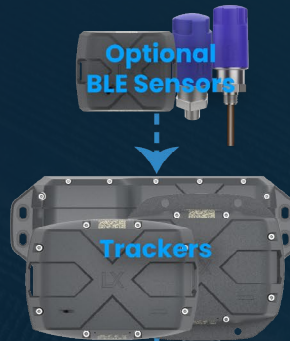
STATIC SENSE



THE BLUE NODE
Battery supply & telemetry device



TRACK & SENSE



CELLULAR
Receive and transmit data over LTE-M



SATELLITE
Where no LTE-M is available, transmit location data over satellite network

CONTROL



CELLULAR
4G / 5G Network

INCYT CLOUD



Data is received and processed via secure INCYT Cloud

INCYT PLATFORM



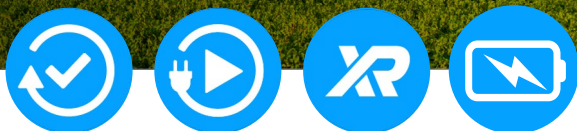
Data is displayed on the INCYT platform

INFORMED DECISIONS

Make more informed decisions based on INCYT data

Products

Connectivity



Blue Node Telemetry Device

SKU: KT-A-0045



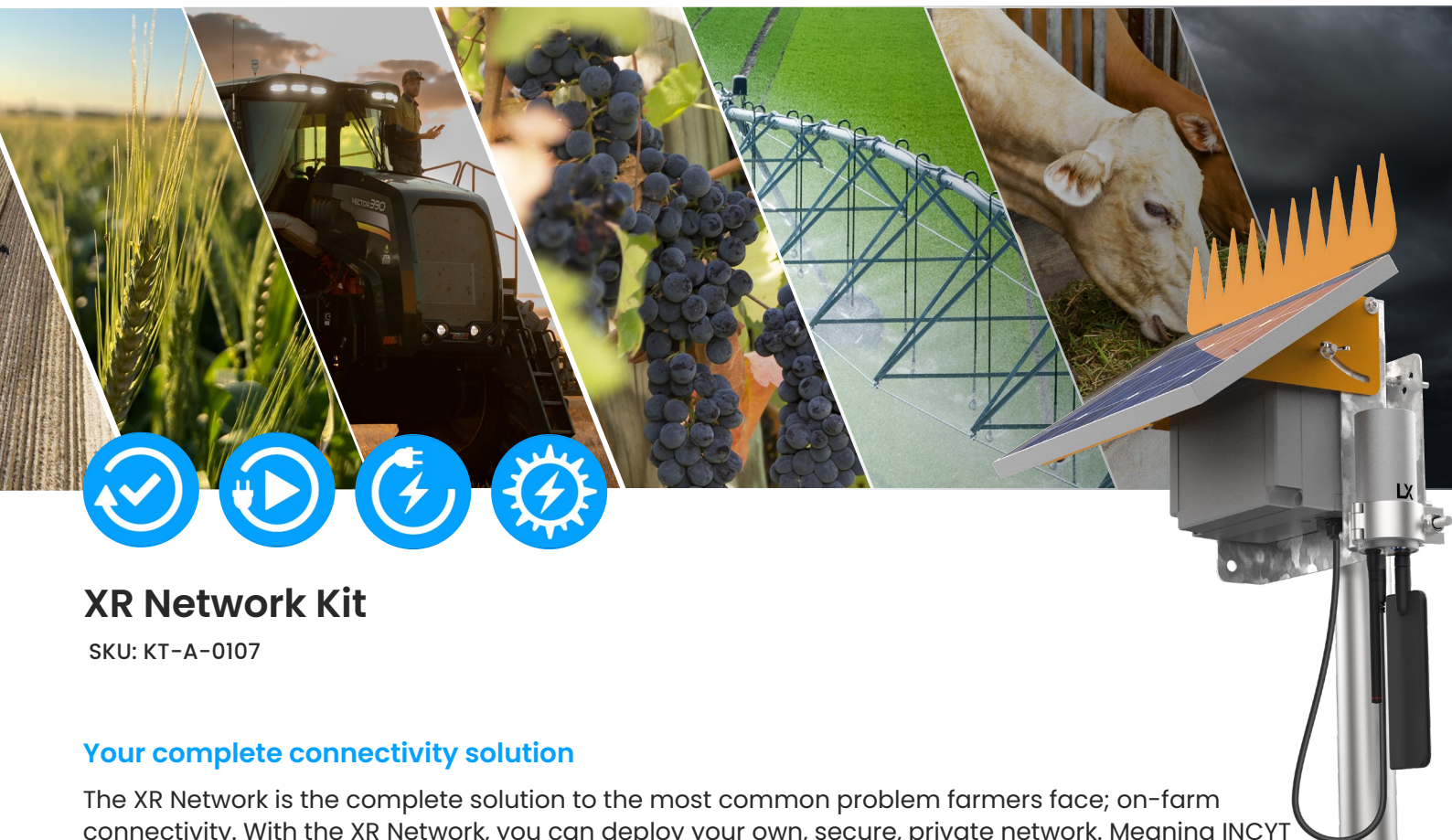
INCYT's very own telemetry device

The Blue Node is an award-winning telemetry device that powers sensors and automates data collection. With a battery life of up to 10-years, it wirelessly transmits data over long distances, through the XR Network, to the INCYT App. This device comes with every INCYT sensor.



ACTUAL SIZE

Enclosure	Milled out of a solid block of 6063 aluminium
Connectivity	Cellular, via the XR Network
IP Rating	IP67
Power Source	13Ah industrial battery, up to 10-years of power (depending on sensor configuration)
Temp. Range	Recommended temperature range of -5°C to 45°C
Smart Sensor Configuration	High density plug n' play IP67 connector



XR Network Kit

SKU: KT-A-0107

Your complete connectivity solution

The XR Network is the complete solution to the most common problem farmers face; on-farm connectivity. With the XR Network, you can deploy your own, secure, private network. Meaning INCYT sensors can operate even if you're on the fringe of the cellular network, without having to interact with third party network providers.

Inclusive of the INCYT Base Station, antennas, and power source, the XR Network kit is built to last in a variety of harsh environments. The XR network gives producers the opportunity to have a fully featured smart farm by providing a high performance private network, capable of supporting hundreds of sensors all communicating at once at a range of approximately 15km from the Base Station, depending on conditions.



Base Station



Chogori to
USB-C-2

OR



Solar Kit

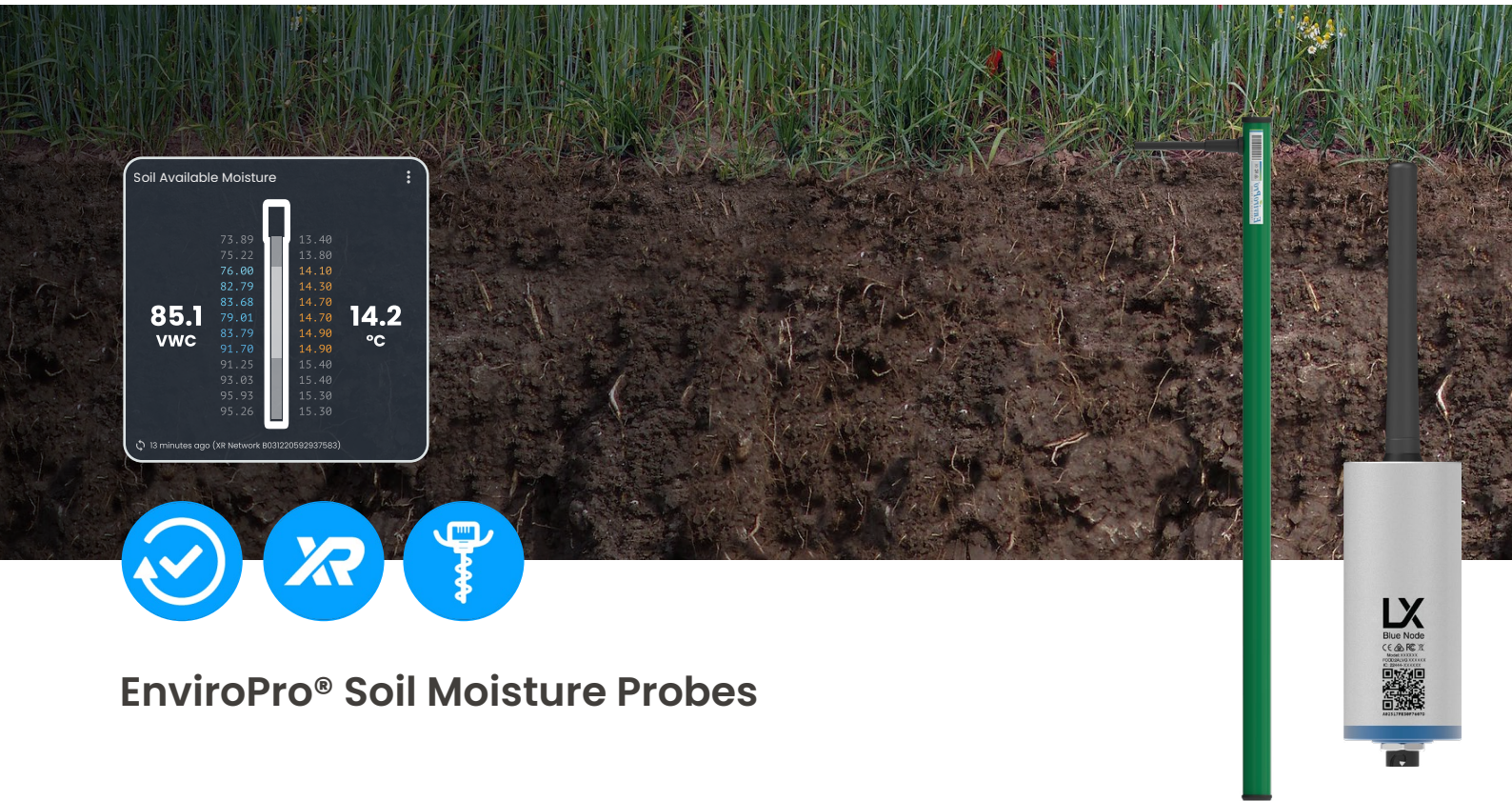


High Gain 4G LTE
Global Antenna



High Gain 915 MHz
Antenna

Advanced Functionality	Edge processing capable
Backhaul	LTE-M
Enclosure	IP67, milled out of a solid block of aluminium
Network Range	Approximately 10km (depending on conditions)
Power Source	USB-C mains adaptor or Solar Kit
Temp. Range	-10°C to +60°C recommended (max. range -20°C to +65°C)
Software	OTA software updates



EnviroPro® Soil Moisture Probes

Easy and accurate multilevel soil moisture and temperature measurement.

These soil moisture probes reliably and repeatedly records temperature compensated readings for soil moisture at 8 or 12 points over a depth of 800mm or 1200mm to monitor groundwater content (GWC), supporting enhanced decision making around nitrogen application, crop selection, crop rotation and irrigation.

System Contents:

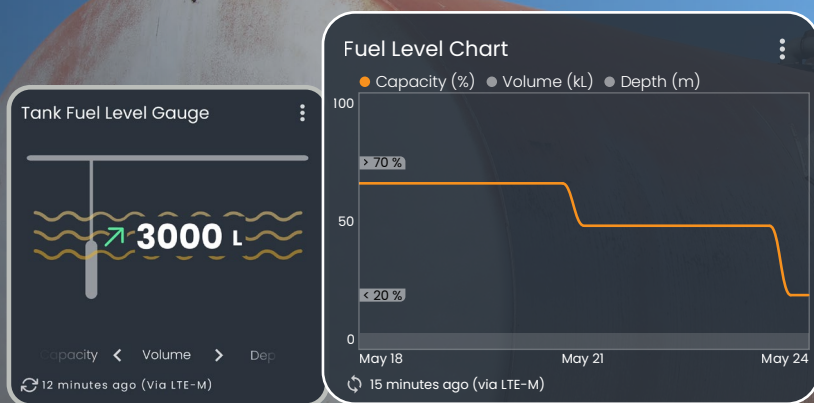


System Variants:

800mm Soil Moisture Probe
5m Cable SKU: KT-A-0058
15m Cable SKU: KT-A-0006
Custom Cable SKU: KT-A-0059*

1200 Soil Moisture Probe
15m Cable SKU: KT-A-0004
30m Cable SKU: KT-A-0005
60m Cable SKU: KT-A-0054
Custom Cable SKU: KT-A-0057*

Cable Length	5m, 15m or *Custom (60m max).	5m, 15m, 60m or *Custom (max length applies)
Operating Temperature	-20°C to +60°C	-20°C to +60°C
Probe Length	800mm	1200mm
Sensor Levels	8	12
Sensor Spacing	Every 100mm	Every 100mm
Shaft Diameter	33.5mm +/- 0.2mm	33.5mm +/- 0.2mm



Fuel Level Monitor (hydrostatic)

SKU: KT-A-0073



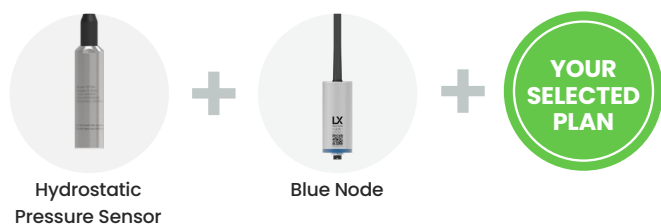
Submersible hydrostatic sensor used for measuring levels in diesel tanks.

Receive alerts when levels drop below your predefined limits. Plan effectively for refuelling and monitor for theft.

Not for use in Petrol tanks.

System Contents:

1 x Hydrostatic Pressure Sensor
1 x Blue Node



Cable length	6m
Operating Temperature	-20 to 60°C
Sensing range	0 to 0.4 bar (typically 2 to 450cm diesel depth)



Mission Control

SKU: IMC10

See your INCYT dashboards on the big screen. No computer required.

INCYT Mission Control is a smart hub that transforms a standard TV/monitor into a comprehensive view of your farm operations.

Simply connect the Mission Control to your TV/monitor using the supplied cables and follow the prompts to set up. By creating your [own personal dashboard](#), you can see everything that’s important to you in one glance!

Any changes you make in the INCYT App on those custom dashboards will update automatically on the TV/monitor.

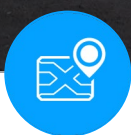
System Contents:

1 x Misson Control

Number of Screens Supported	2
Enclosure	IPXX-rated aluminium body with matte black plastic antenna cap.
Dimensions	114mm x 105mm x 40mm
Temp Range	15°C to +55°C recommended (max. range +0°C to +70°C)
Software	OTA software updates
Cloud Connectivity	Internet (via Wi-Fi or Ethernet)
Power Source	USB-C Power Supply (incl.)
Weight	390g



LTE-M



Polaris Battery Powered Trackers

Next generation asset tracking with ultra-long life battery and intelligent sense capability.

Polaris is the ultra-long life, intelligent location tracker, enabling you to keep eyes on the assets that matter most. Protect against equipment theft and improve logistics planning with this GPS tracker featuring WiFi geolocation to enable indoor and outdoor operation. Perfect for unpowered assets such as field bins, trailers and implements, and items on the move like trucks and tractors.

The Polaris is also capable of monitoring asset activity level, tilt/angle, and deploying a Bluetooth machinery area network for the detection of Lyra's BLE Beacons. Also available with Advanced Sense which has the ability to report on temperature, humidity and air pressure.

System Variants:

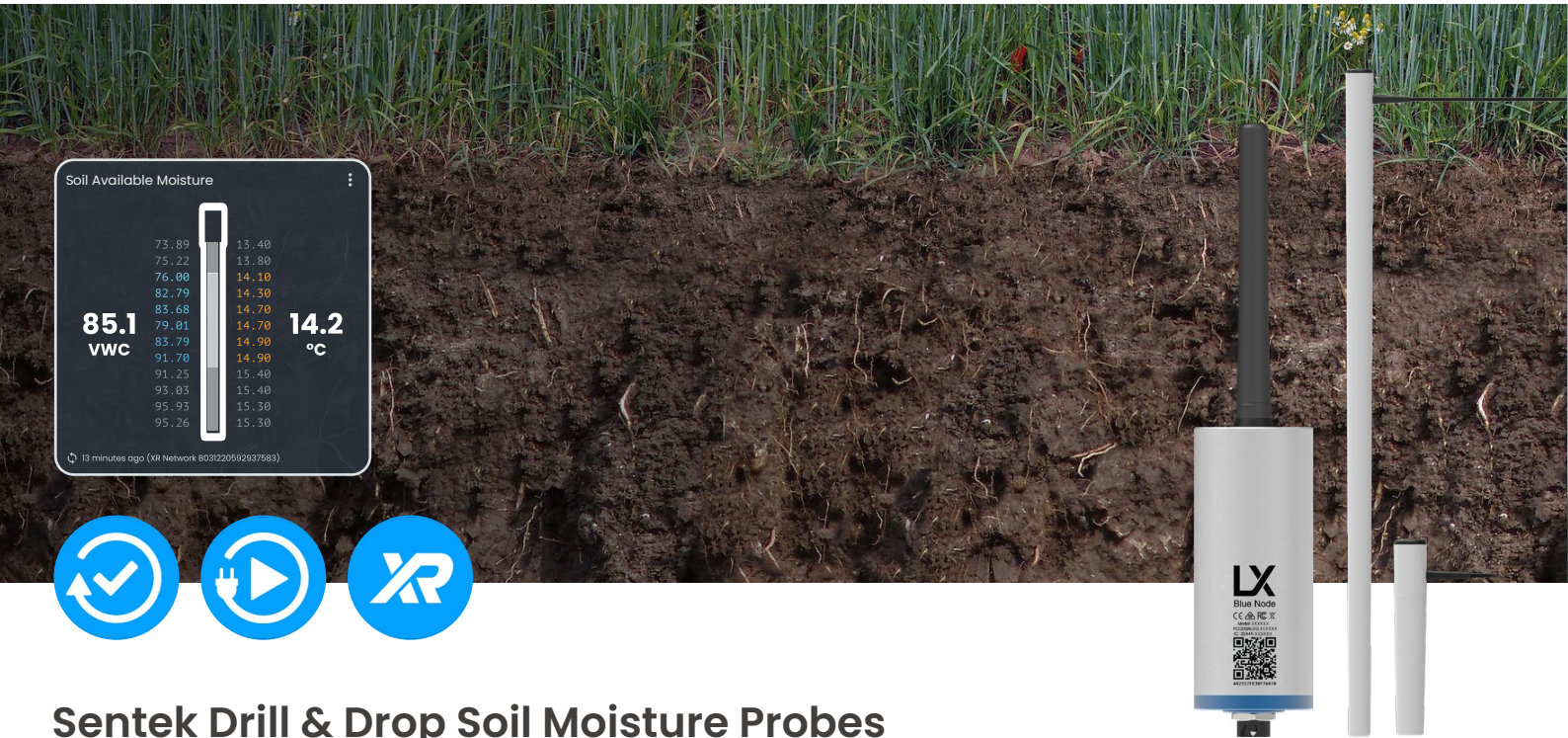
Polaris LTE-M Battery Powered Tracker

SKU: ETCH1A

Polaris LTE-M Battery Powered Tracker with Advanced Sense

SKU: ETCH2S

Radio	LTE-M WiFi   
Region	Multi region Cat M1/NB1 Supported bands: 2, 3, 4, 5, 8, 12, 13, 20, 28
Firmware upgrade	Via INCYT App and over BLE or Cellular
Battery	Replaceable Industrial Lithium Thionyl Chloride primary battery pack
Typical behaviour	Continuously beaconing, performing daily Wi-Fi scan, GPS lock, LTE-M upload + config check
Location sense	GPS, WiFi geolocation, BLE Beacon and Scan
Size + weight	39 x 80 x 114 mm, 300g
Enclosure rating	IP68/IK10
Mounting options	VHB tape, cable tie, security bracket
Storage	9 months
Certifications	CE, RCM, BT Sig, FCC, UN38.3
Temp. Range	0°C to +40°C recommended (max. range -20°C to +60°C)



Sentek Drill & Drop Soil Moisture Probes

Smart Sensor enabled moisture probes that provide temperature compensated readings.

Accurate and reliable soil moisture and temperature readings across multiple points with these easy drill and drop soil moisture probes. Get a complete and uninterrupted view of the soil profile with readings every 100mm, ideal for seasonal crops.

System Contents:



Your preferred
Soil Moisture
Probe

+



Blue Node

+



System Variants:

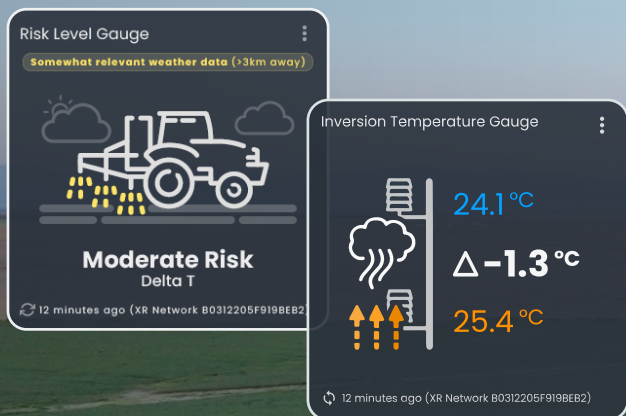
100mm Soil Moisture Probe
SKU: KT-A-0060

600mm Soil Moisture Probe
SKU: KT-A-0008

900mm Soil Moisture Probe
SKU: KT-A-0009

1200 Soil Moisture Probe
SKU: KT-A-0007

Cable Length	5m	5m	5m	5m
Operating Temperature	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C
Outer probe diameter bottom	25mm	25mm	25mm	25mm
Outer probe diameter top	30mm	30mm	30mm	30mm
Probe Length	100mm	600mm	900mm	1200mm
Sensor Levels	1 (single point)	6	9	12
Sensor Spacing	N/A	Every 100mm	Every 100mm	Every 100mm



Spray Advisory and Inversion Monitoring

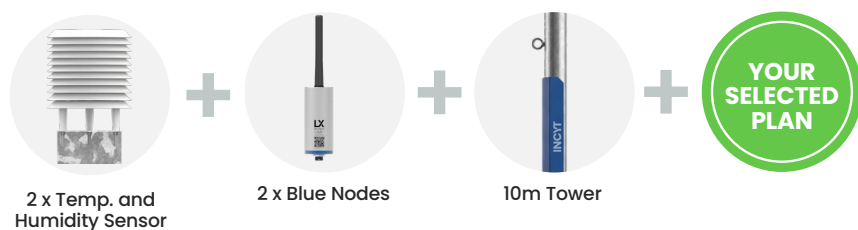
Enhanced decision support for determining spray windows, drawing environmental data from a number of sensors.

The INCYT Spray Advisory takes factors including temperature and humidity, wind speed, Delta-T and temperature inversion risk to give reporting on current weather conditions for spraying. Includes a custom made 10m tower for the temperature and humidity sensors to create an inversion tower.

Add the Maverick Spray Advisory system and receive a dedicated decision support tool designed to enhance your spray efficacy, better manage the risk of drift, and simplify record-keeping. [Read more here.](#)

System Contents:

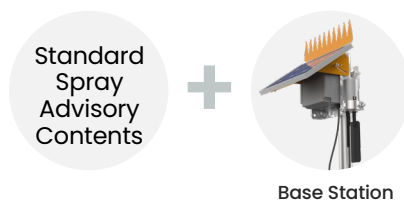
Inversion Detection



Spray Advisory System Standard



Complete Spray Advisory Package



Cable length	Short cable 3m, long cable 8.5m
Humidity accuracy	±3%
Temp accuracy	+/- 0.1°C from -20°C to +60°C

System Variants:

Inversion Detection

SKU: KT-A-0066

Spray Advisory System Standard

SKU: KT-A-0064

Complete Spray Advisory Package

SKU: KT-A-0064



Water Level Monitor (hydrostatic)

SKU: KT-A-0071

Anti-corrosive, titanium, durable sensor for water tank level monitoring.

Provides reliable reporting on water levels and sends alerts when levels drop below predefined limits. Plan effectively and get an early warning system for issues.

System Contents:

- 1 x Water Level Sensor – Hydrostatic
- 1 x Blue Node



Water Level
Sensor
(Hydrostatic)



Blue Node



Cable Length	3m
Operating Temperature	-10 to 60°C (non-freezing)



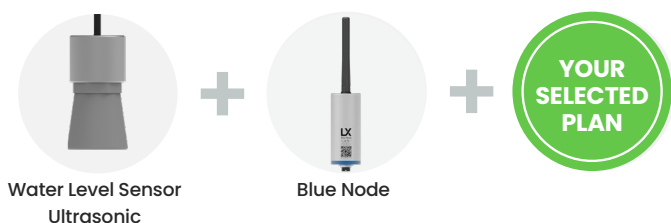
Water Level Sensor (Ultrasonic)

Get remote insights into capacity levels, rate of change, or variance in bodies of water on your farm.

From channels and head ditches to dams and water tanks, the Ultrasonic can be your source of truth with custom alerts available. This sensor measures the distance to the surface level using non-contact, ultrasonic technology.

- ✓ Storages
- ✓ Channels
- ✓ Head ditches
- ✓ Dams
- ✓ Creeks
- ✓ Rivers
- ✓ Returns
- ✓ Water tanks
- ✓ Flood plains*

System Contents:



Water Level Sensor
Ultrasonic

Blue Node

System Variants:

Dam & Reservoir Monitoring
SKU: KT-A-0100

Channel & Ditch Monitoring
SKU: KT-A-0101

Tank Monitoring
SKU: KT-A-0001

Stub & Return Drain Monitoring
SKU: KT-A-0102

River & Creek Monitoring
SKU: KT-A-0103

Cable Length	<1m
Enclosure rating	IP67
Operating temperature range	-20°C to + 65°C
Sensing Distance	0.5m to 10m

*This device is approved as a secondary device for flood plain harvesting.



Water Presence Sensor

Accurate reliable water presence sensor for shallow water sources.

Used with both livestock and cropping, this water presence sensor detects and alerts you when water drops below a pre-set level. This unique device operates in shallow water enabling monitoring of both sheep and cattle troughs, as well as the end of furrows while irrigating.

System Variants:

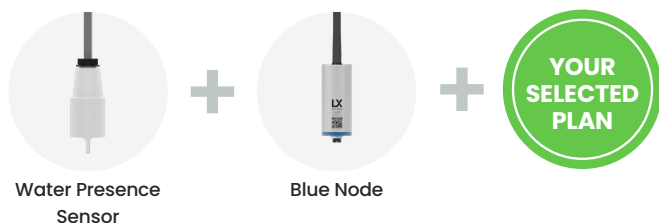
Trough Sensing

SKU: KT-A-0036

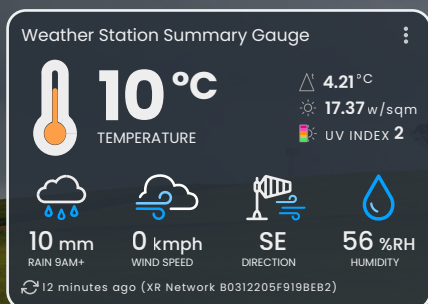
In-Furrow Sensing

SKU: KT-A-0036

System Contents:



Operating temperature range	0 to + 60°C
Cable length	3m



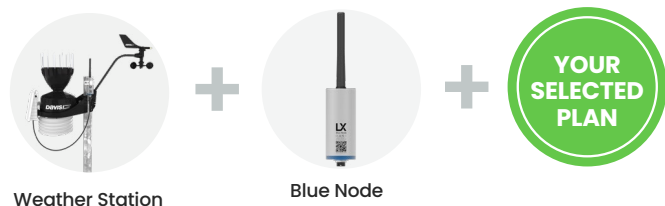
Weather Station

A professional and rugged weather station with a versatile sensor suite combining rain collection, temperature, humidity, wind speed and direction into one package.

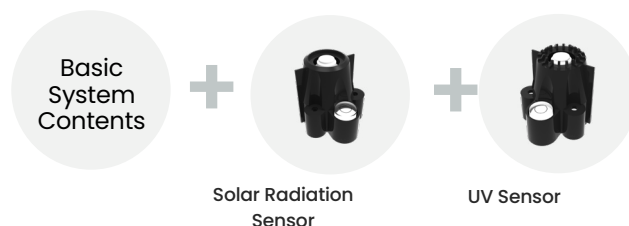
Designed to meet the guidelines of the WMO, the Davis Weather Station provides multiple points of measurement for accurate weather reporting. It includes ambient temperature, humidity, rainfall, wind speed and direction including wind gusts. The Standard kit also offers UV index, dose rate and daily, accumulated rate from the UV sensor plus reporting on solar radiation for evapotranspiration and Temperature/Humidity/Sun/Wind (THSW) Index.

System Contents:

Basic Weather Station



Standard Weather Station



System Variants:

Basic

SKU: KT-A-0010

Standard (includes mounting shelf)

SKU: KT-A-0011

*UV and Solar Radiation reporting available with

*Standard Kit.

Uv sensor specs	Cut-off ring with comb structure for cosine response of $\pm 4\%$ FS. Measures both directly transmitted and scattered UV.
Solar radiation specs	Accuracy at $\pm 5\%$ of full spectrum, cosine response at $\pm 3\%$ for angle of incidence from 0-75°C
Operating temperature	-20° to +65°C
Wind speed sensor	Solid state magnetic sensor
Wind direction sensor	Wind vane with potentiometer
Rain collector type	Tipping spoon, 0.2 mm for metric versions, 214 cm ² collection area
Temperature sensor type	PN Junction Silicon Diode
Relative humidity sensor type	Film capacitor element
Housing material	UV-resistant ABS, polypropylene



Drip Line Pressure Monitor

SKU: KT-A-0087



Remotely monitor drip line irrigation systems.

This sensor kit allows for accurate, remote monitoring of the pressure and performance of your drip line irrigation systems in nurseries and other applications. The system allows for early indication of any faults in your system, with notifications via the INCYT App.

System Contents:

- 1 x In-line Pressure Sensor
- 1 x Blue Node



In-line Pressure
Sensor



Blue Node



Operating temperature range	-20°C to +70°C
Compatibility	Monitored fluid must be in liquid or gas state
Material	Stainless steel
Pressure range	0-20 bar



Irrigation Pressure Monitor

SKU: KT-A-0039

These Pressure Sensors can be installed at the end of lateral, pivot and fixed irrigation systems to detect unexpected pressure differentials.

Detect leaks, missing spray boots, pump pressure issues and blockages to ensure optimum system operation.

System Contents:

1 x In-line Pressure Sensor
1 x Blue Node



In-line Pressure Sensor

Blue Node

Operating temperature range	-20°C to +70°C
Compatibility	Monitored fluid must be in liquid or gas state
Material	Stainless steel
Pressure range	0-20 bar

Irrigation Motion Detection System

This system monitors lateral and pivot irrigation systems to ensure they are moving as intended.

Detects pumping activity and reports on excessive dwell time in one location. Available in both standard and pro systems, giving you reporting either hourly or up to every 5-minutes. Requires LTE-M connectivity.

- + Start and end times/dates
- + GPS location
- + Acceleration gauge
- + Start and end coordinates
- + Total runtime
- + Temperature gauge

System Variants:

Irrigation Motion Detection System (Standard)

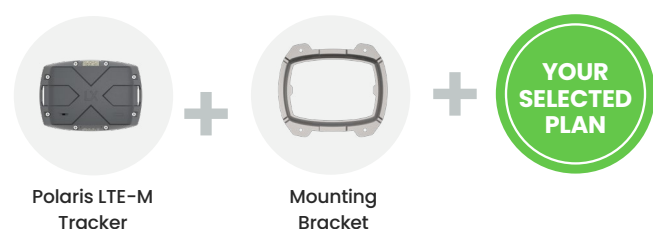
SKU: KT-A-0034

Irrigation Motion Detection System (Pro)

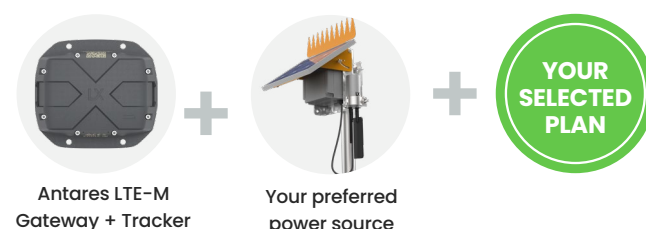
SKU: KT-A-0034

System Contents:

Standard



Pro



Device	Standard	Pro
Enclosure Rating	IP68/IK10	IP67 / IK07
Location	GPS, WiFi geolocation, BLE Beacon and Scan	GPS, WiFi geolocation, BLE Beacon and Scan
Power	Industrial Lithium Thionyl Chloride primary battery pack	Mains via USB-C, 12V vehicle supply or Solar Kit
Size + Weight	39 x 80 x 114 mm, 300g	50 x 110 x 114 mm, 250g
Temp. Range	+5°C to +40°C (operation range -20°C to +60°C)	-10°C to +60°C (operation range -20°C to +80°C)



Leaf Wetness Sensor

SKU: KT-A-0017

Accurate leaf wetness and ice monitoring for plants.

Accurately measure leaf wetness (presence and duration) and ice formation. Water will condense and evaporate like a real leaf providing enhanced insights around the application of fungicides and early disease detection.



System Contents:

1 x Leaf Wetness Sensing System
1 x Blue Node



Leaf Wetness
Sensor



Blue Node



Operating temperature range	-20°C to + 60°C
Cable length	3m



Pipe Pressure Monitor

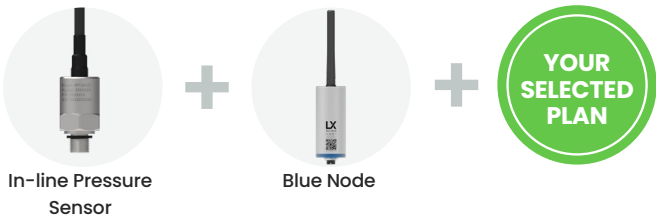
SKU: KT-A-0038

In-line pipe pressure sensor for your water reticulation or irrigation system to monitor pumps, valves and pipes.

Identify issues quickly such as unprimed pumps, leaks, blockages, broken valves etc. 0-20Bar range. Thread based installation.

System Contents:

- 1 x In-line Pressure Sensor
- 1 x Blue Node



Operating temperature range	-20°C to +70°C
Compatibility	Monitored fluid must be in liquid or gas state
Material	Stainless steel
Pressure range	0-20 bar



Pump Monitors

Remotely monitor pump systems

Gain insight into water pump activity and status (on/off) as well as whether the pump is primed, pressure rates, and flow rates at the outlet, with the advanced variant. This provides insights into water pressure related issues.

System Variants:

Basic Pump Monitor

SKU: KT-A-0040

Advanced Pump Monitor

SKU: KT-A-0041

System Contents:

Basic Pump Monitor



In-line Pressure
Sensor



Blue Node



Advanced Pump Monitor

Basic Pump
Monitor
Contents



Water Flow Rate
Sensor



Blue Node

Accuracy / Velocity (Flow Rate Sensor)	± 2.5% accuracy at velocity range 0.5 to 8.5 m/sec
Compatibility (In-Line Pressure Sensor)	Monitored fluid must be in liquid or gas state
Material (In-Line Pressure Sensor)	Stainless steel
Operating Temp. Range (In-Line Pressure Sensor)	-20°C to +70°C
Operating Temp. Range (Flow Rate Sensor)	+1°C to + 70°C (water must be in liquid state for the sensor to work)
Pressure Range (In-Line Pressure Sensor)	0-20 bar



Pump Monitoring and Control

Remotely monitor and control your pumps.

This pump monitor and control unit enables you to keep an eye on your pump's performance at all times, whilst also allowing you to adjust pump RPMs and safely shut down the pump remotely. Monitor key parameters such as voltage, current, temperature on your pumps. Through the INCYT dashboard you're able to set custom warnings and alarms that can be triggered by a range of different equipment-related events.

Select models only; contact our team to see if yours is compatible.

System Contents:

1 x Quad Pump Control
1 x Engine Loom



Quad Pump Control

Power Supply	12V
Operating Temperature	-20°C to 80°C
Enclosure Rating	IP67
Dimensions	153mm W x 174mm H X 50mm D
Weight	400g excluding mounting brackets
Connectivity	LTE-M
Sensors	Accelerometer, tamper detection, temperature and voltage monitoring
Mounting	Brackets supplied for pole, wall and bulkhead



Pump Runtime Sensor

SKU: KT-A-0105

This Pump Runtime Monitoring application works on motion detection.

It is plug and play, and works on most pumps including petrol, diesel, electric and windmills. Get insight into your pump status (on/off) and run time.

System Contents:

1 x Polaris LTE-M Tracker



Polaris LTE-M Tracker

Battery	Replaceable Industrial Lithium Thionyl Chloride primary battery pack, ~ 5yrs
Typical behaviour	Continuously beaconing, performing daily Wi-Fi scan, GPS lock, LTE-M upload + config check
Location sense	GPS, WiFi geolocation, BLE Beacon and Scan
Size + weight	39 x 80 x 114 mm, 300g
Enclosure rating	IP68 / IK10
Temp. Range	+5°C to +40°C (operational temp range -20°C to +60°C)



Water EC/Salinity Sensor

SKU: KT-A-0014

Submersible water electrical conductivity sensor (EC/salinity).

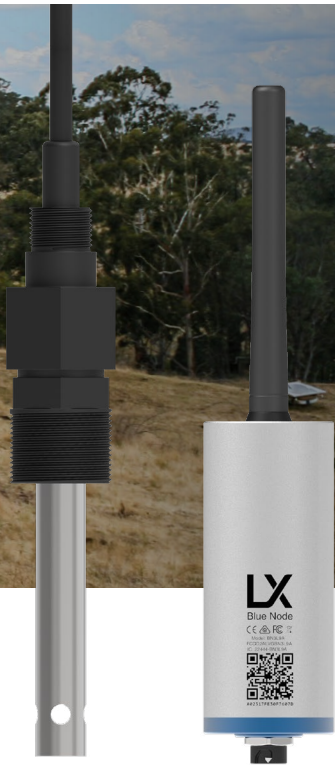
This easy to use submersible sensor provides accurate remote reporting on electrical conductivity/salinity levels in water. Use to enhance decision making around irrigation and spray water sources. High accuracy of reporting ($\pm 1\%$) and built to last.



Water EC/Salinity Sensor



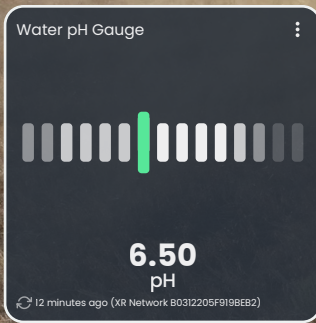
Blue Node



System Contents:

- 1 x Water EC/Salinity Sensor
- 1 x Blue Node

Accuracy	$\pm 1\%$
Medium	Water
Electrode	Titanium alloy
Temperature compensation	Automatic
Operating temperature	0 to 60°C
Cable length	5m



Water pH Sensor

SKU: KT-A-0015

Submersible water pH sensor.

Keep track of the pH level of water in your tank or open body of water. Whether you want to make sure that your stock is drinking potable water or that the water you use for spraying your crops has the ideal pH level for the chemicals you're applying, knowing the pH level of your water and whether it's changing over time is often key.



Water pH Sensor



Blue Node



System Contents:

- 1 x Water pH Sensor
- 1 x Blue Node

Accuracy	+/- 0.05 PH
Calibration	Every 3 to 6 months
Operating temperature	0 to 60°C
Cable length	5m



Water Flow Rate

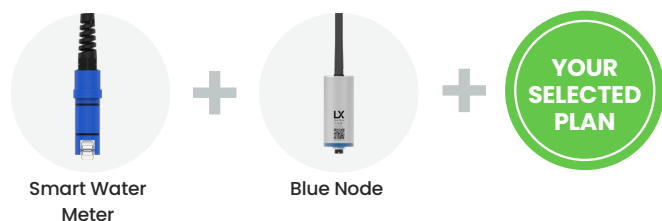
SKU: KT-A-0032

This sensor monitors performance of your water reticulation and irrigation systems.

Ultra-low power paddle wheel based device that is inserted in line with water flow. Software configurable to calibrate for installed pipe diameter.

System Contents:

1 x Smart Water Meter
1 x Blue Node



Accuracy (velocity)	± 2.5% accuracy at velocity range 0.5 to 8.5 m/sec
Operating temp. range	+1°C to + 70°C (water must be in liquid state for the sensor to work)
Sensor material	Stainless steel 17-4PH paddle wheel rotor
Pipe diameter	ø15mm to ø100mm in diameter
Sensor technology	Induction



Rain Gauge Standard

SKU: KT-A-0016

Automatic tipping bucket rain gauge with 0.2mm resolution.

Designed to meet the guidelines of the World Meteorological Organisation, this self-emptying, tipping-bucket is exceptionally accurate (to 0.2mm) and automates the sampling and recording of rainfall data. Requires minor maintenance from time to time.

System Contents:

1 x Davis Rain Gauge
1 x Blue Node



Davis Rain Gauge



Blue Node



Sensor type	Tipping bucket with magnetic reed switch
Housing material	UV-stabilized ABS plastic
Accuracy	0.2mm resolution
Package includes	Collector bucket, bird spikes, filter insert and pole mount



Temperature and Humidity Sensor

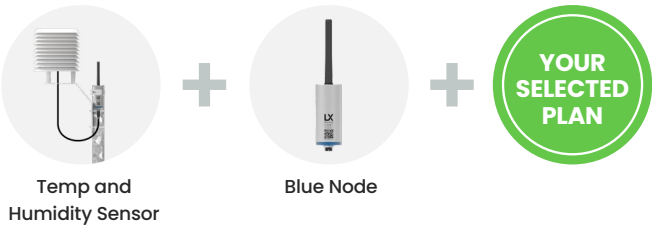
SKU: KT-A-0045

High accuracy temperature and humidity sensor with solar radiation shield.

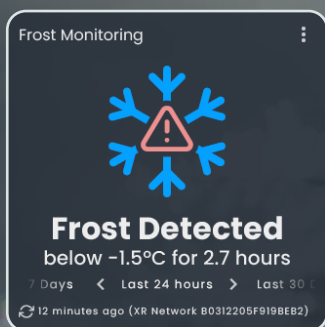
High accuracy Temperature and Humidity sensor with a radiation shield for help determining baling windows, frost events and performing canopy temperature measurement. High 0.1°C accuracy performance.

System Contents:

- 1 x Temperature and Humidity Sensor
- 1 x Blue Node



Temp accuracy	+/- 0.1°C from -20°C to +60°C
Humidity accuracy	±3%
Cable length	3m



Frost Detection System

SKU: KT-A-0018

Be alerted of frost events at point locations.

Detailed knowledge of frost duration and severity can help optimise future cropping decisions and activities moving forward.

This system uses LTE connectivity to provide reporting on frost events, and can be easily moved from one paddock/area to another as needed.

System Contents:

1 x Polaris LTE-M Tracker with Advanced Sense

1 x Track and Sense Weather Shield



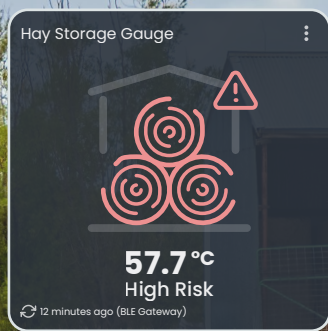
Polaris Track +
Sense



Track and Sense
Weather Shield



Battery	Replaceable industrial lithium thionyl chloride primary battery pack, ~ 5yrs
Location sense	GPS, WiFi geolocation, BLE Beacon and Scan
Size + weight	39 x 80 x 114 mm, 300g
Enclosure rating	IP68/IK10
Temp. Range	+5°C to +40°C (operational temp range -20°C to +60°C)



Hay Storage Monitoring Systems

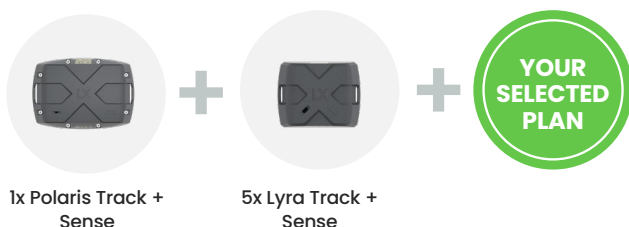
Be alerted when hay degradation is likely to be occurring and prevent combustion of hay bales.

The Hay Bale Monitoring System consists of number of Lyras BLE beacons reporting to a BLE gateway device such as Polaris, Andromeda or Antares. The Lyra sensors are inserted into a representative number of hay bales during storage. These sensors monitor the temperature inside the bale and in the event of a temperature rise, the system generates an alert that an undesirable thermal trajectory is occurring. In the event of likely hay degradation or combustion risk, appropriate action can be taken (selling, accelerating useage or breaking apart the stack).

Different kits are available depending on the frequency of reporting you require and the existing network coverage at your chosen storage site.

System Contents:

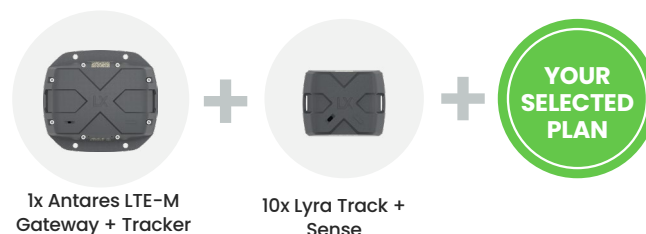
Standard



1x Polaris Track + Sense

5x Lyra Track + Sense

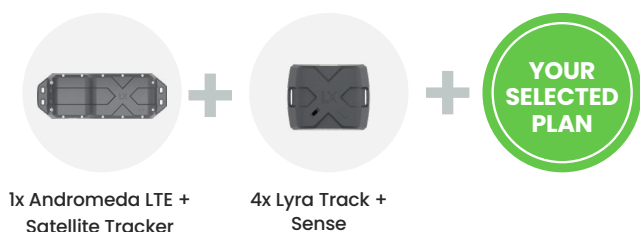
Pro



1x Antares LTE-M Gateway + Tracker

10x Lyra Track + Sense

Satellite



1x Andromeda LTE + Satellite Tracker

4x Lyra Track + Sense

System Variants:

Standard

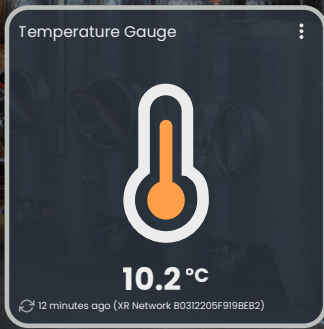
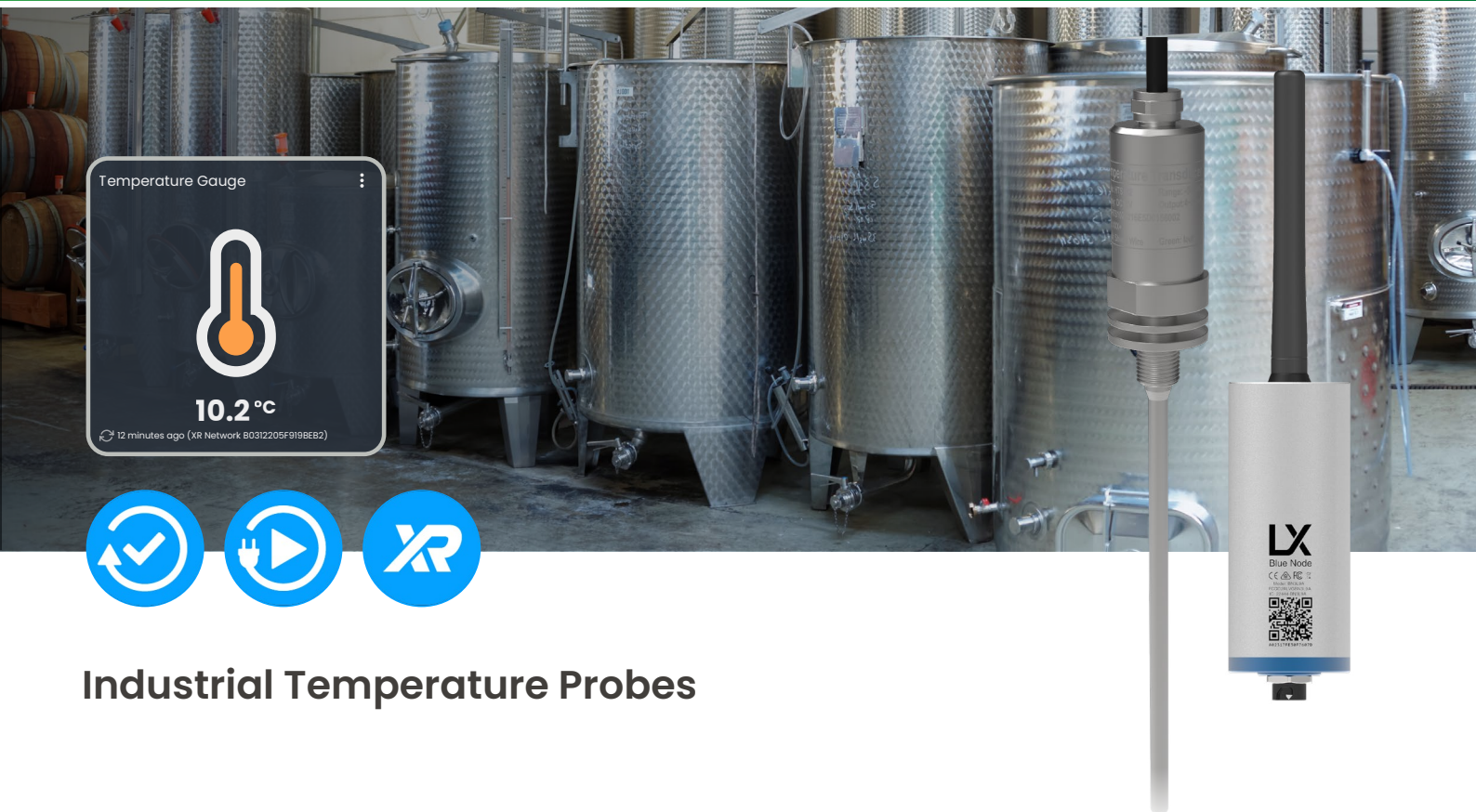
SKU: KT-A-0022

Pro

SKU: KT-A-0023

Satellite

SKU: KT-A-0070



Industrial Temperature Probes

Hermetically sealed, explosion proof industrial temperature sensor.

This probe is ideal for use in coolrooms, milk vats and for spray water, pipe and top soil temperature monitoring to create alerts when conditions change. Available in both low and high temperature applications.

System Variants:

Low Temperature
SKU: KT-A-0042

High Temperature
SKU: KT-A-0043



Industrial Temp
Probe



Blue Node



Sensing range (low temp)	-50 to 50°C
Sensing range (high temp)	0 to 200°C



Portable Hay Baling Advisory Standard

SKU: KT-A-0020

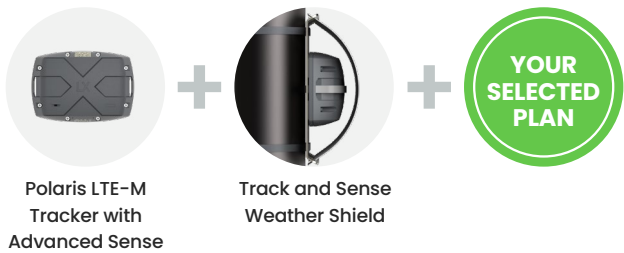


Receive an alert when temperature and humidity conditions are suitable for baling.

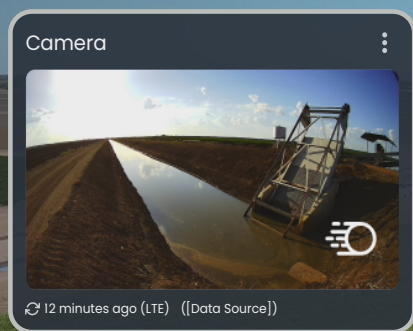
The portable Hay Baling Alert System takes the guess work out of deciding when to bale. Make data informed decisions on when to bale with a portable device that can be left at the baling site or located on your baler. The System logs temp & humidity, creating alerts for when your pre-set conditions are met, and when out of range.

System Contents:

- 1 x Polaris LTE-M Tracker with Advanced Sense
- 1 x Track and Sense Weather Shield



Battery	Replaceable industrial lithium thionyl chloride primary battery pack, ~ 5yrs
Location sense	GPS, WiFi geolocation, BLE Beacon and Scan
Size + weight	39 x 80 x 114 mm, 300g
Enclosure rating	IP68/IK10
Temp. Range	+5°C to +40°C (operational temp range -20°C to +60°C)



Camera

SKU: 550168

Visually monitor your farm infrastructure.

INCYT helps you visually monitor key parts of your property and operation. The camera is solar-powered, allowing for flexible deployment throughout your farming operation. Receive notifications when the camera is triggered by movement. Camera can be set to send frequent images or set to only send images when triggered by movement. Ideal for getting eyes on trash racks, gates, fuel tanks, and more. Set up INCYT cameras to monitor, farm entrances, fuel supply, tail water returns, trash racks and other key infrastructure.



**YOUR
SELECTED
PLAN**

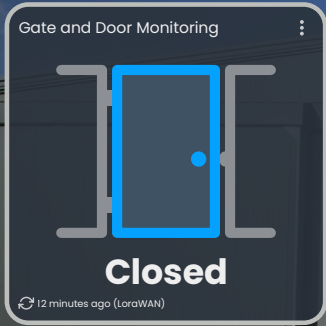
Sensing Camera



System Contents:

1 x Camera

Camera Image Sensor	1/2.8" Progressive Scan CMOS
Modes	Day/Night/Auto
Max. Resolution	1920 × 1080 Pixels
Image Settings	Brightness/Contrast/Saturation/Sharpness
Picture Format	JPEG
Capture Mode	Radar and PIR Trigger Capture, Sound Trigger, Capture, Temperature, Trigger Capture, Alarm-in Capture, Interval Capture
Capture Distance	6m Optimal
Night Time Illumination Distance	Up to 10m



Door & Gate Status

Easy remote monitoring for gates or doors on your property.

This kit gives you the ability to remotely view the status of gates or doors on your property, using this robust, stainless steel sensor. Be alerted when gates have been left open or shut when they shouldn't be, or if unauthorised entry into a warehouse has occurred.

System Variants:

Door status
SKU: KT-A-0085

Gate status
SKU: KT-A-0027

System Contents:



Operating temperature range	-20°C to +70°C
Compatibility	Operates when mounted on metal structures and also within non-ferrous materials such as wood, plastic or aluminium





**My Farm
West Fence 1**

2m ago

Hi User, West Fence 1 has recorded an orientation angle of 43.00°, which is below threshold orientation angle of 90.00°. Check fence, motion detected.



Fence Monitor

SKU: KT-A-0021

Monitor points of concern along your fence.

INCYT’s Fence Monitoring Solution includes a Polaris unit that can be connected to your fence in areas of concern including those that are flood-prone, frequented by livestock or feral animals, or security risks.

The Polaris will trigger an alert on your INCYT dashboard when its orientation changes due to the fence sagging, indicating a broken, straining wire or similar issue with your fence. The rugged LTE-M device used in this system does not require a base station to function and is easily installed and activated.

System Contents:

1 x Polaris LTE-M Tracker

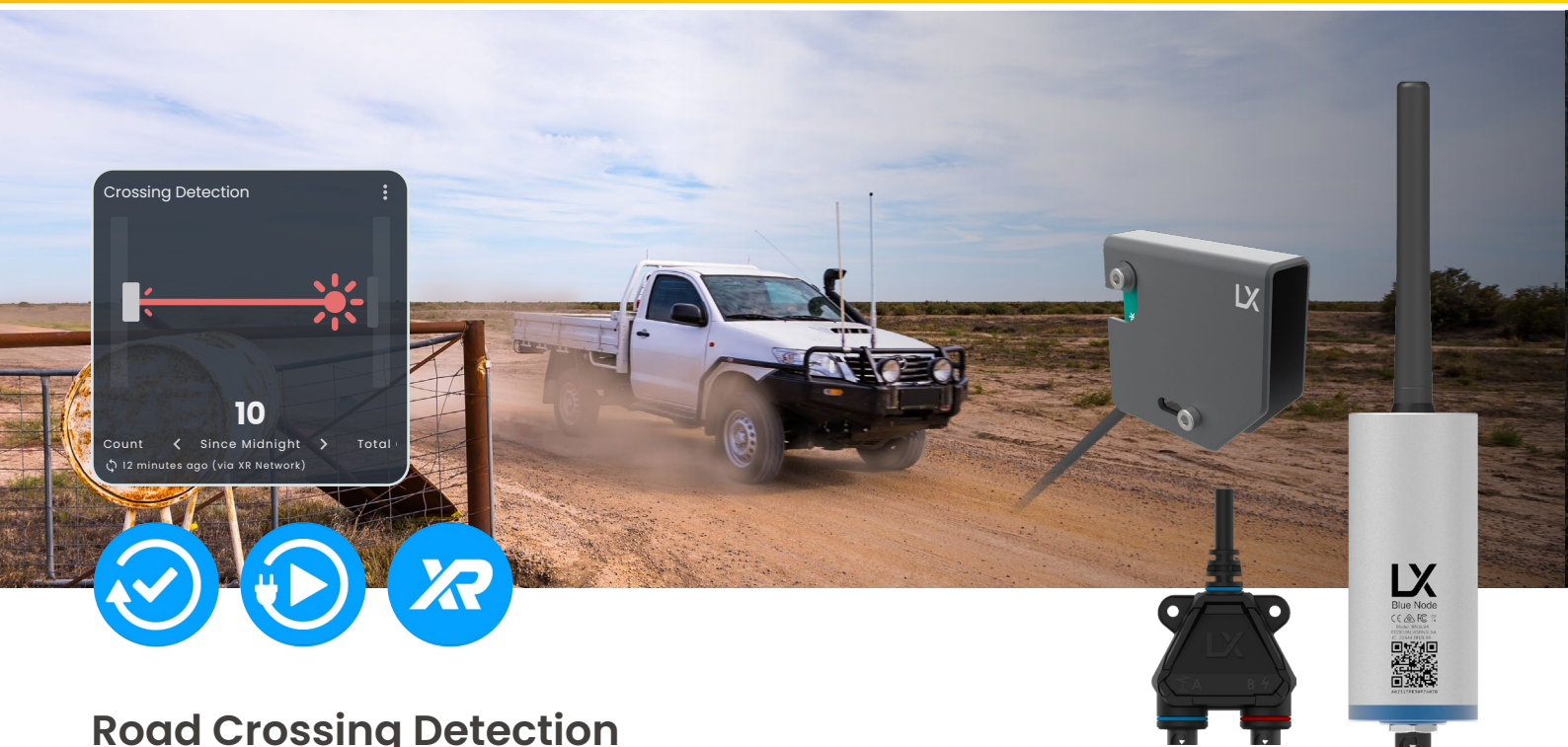






Polaris LTE-M Tracker

Battery	Replaceable Industrial Lithium Thionyl Chloride primary battery pack, ~ 5yrs
Typical behaviour	Continuously beaconing, performing daily Wi-Fi scan, GPS lock, LTE-M upload + config check
Location sense	GPS, WiFi geolocation, BLE Beacon and Scan
Size + weight	39 x 80 x 114 mm, 300g
Enclosure rating	IP68/IK10
Temp. Range	+5°C to +40°C (operational temp range -20°C to +60°C)



Road Crossing Detection

SKU: KT-A-0028

Detect vehicles and other moving objects entering or leaving your property.

This system provides a solar powered vehicle/object detection system using retroflective laser technology. The solution can detect fast and slow moving vehicles, does not rely on heat detection and works during both night and daytime so you can reliably monitor key entry and exit points on your property.

System Contents:

- 1 x Beam Break Smart Sensor
- 1 x Blue Node
- 1 x Solar Kit
- 1 x Power Junction



Detection range	Up to 10m (5m in rain/dusty conditions)
Sensor technology	High speed laser retroflective beam
Laser	6.7nJ pulse @ 680nm (red)
Laser classification	Class 1
Power source	Solar kit
Operating temperature	-20 to 60°C
Cable length	2m





**My Farm
Animal Trap**

2m ago

Hi User, Animal Trap has recorded an orientation angle of 86.48°, which is below threshold orientation angle of 100.00°. Check trap, motion detected.



Wild Animal Trap Monitoring

SKU: KT-A-0086

Use this kit on your feral animal traps

The Polaris device in this kit will detect upon activation (e.g. a swing gate or trap door), alerting you that the trap has likely been activated and should be investigated.

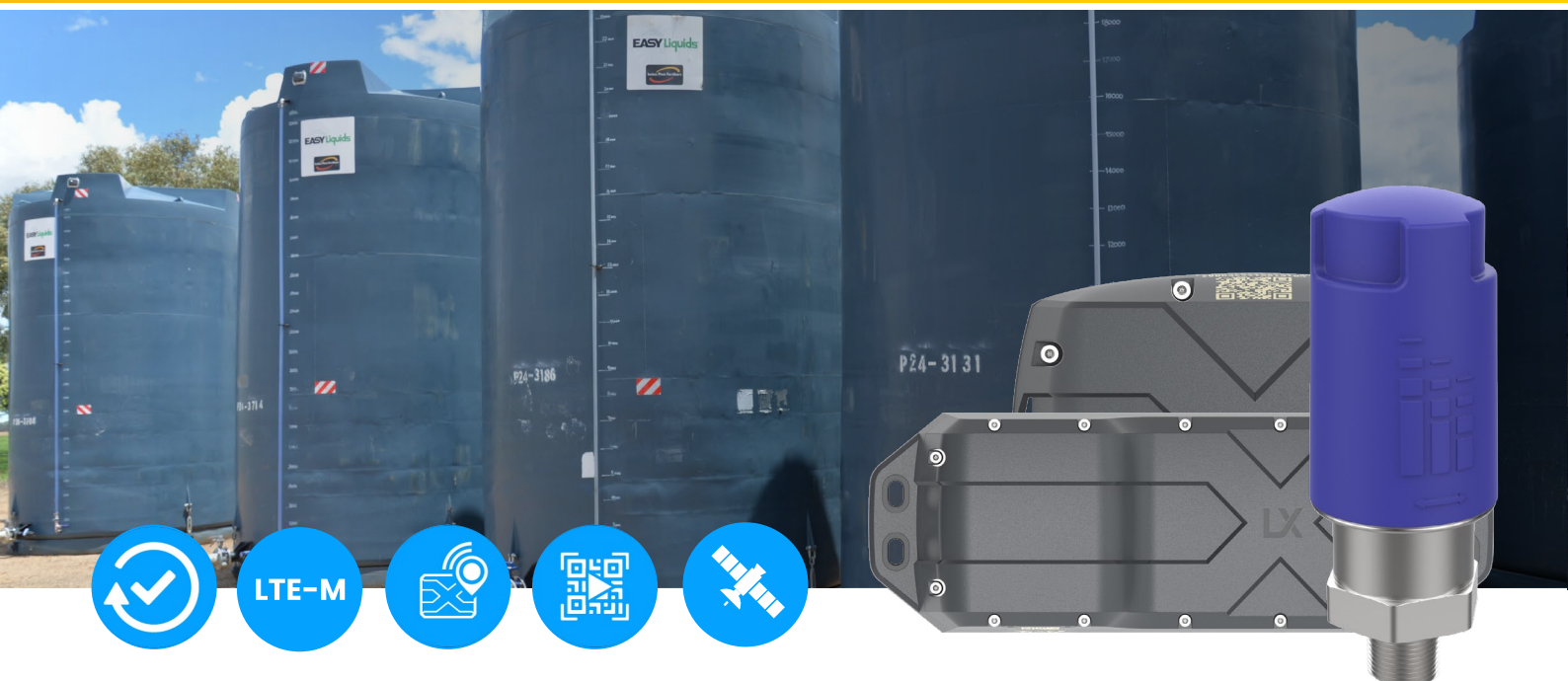
System Contents:

1 x Polaris LTE-M Tracker



Polaris LTE-M Tracker

Battery	Replaceable Industrial Lithium Thionyl Chloride primary battery pack, ~ 5yrs
Typical behaviour	Continuously beaconing, performing daily Wi-Fi scan, GPS lock, LTE-M upload + config check
Location sense	GPS, WiFi geolocation, BLE Beacon and Scan
Size + weight	39 x 80 x 114 mm, 300g
Enclosure rating	IP68/IK10
Temp. Range	+5°C to +40°C (operational temp range -20°C to +60°C)



Wireless Liquid & Gas Monitoring

Monitor gas and liquid levels on the go.

from high pressure gas bottle and gas pipeline applications, to hydrostatic monitoring of IBC's and tanks. Know the levels of liquids or gases with this application to optimise logistics. INCYT's Andromeda or Polaris trackers in combination with a wireless pressure sensor is the versatile and reliable combination required when quality counts. Monitor levels remotely via INCYT's dashboard, set custom alarms, and benefit from unmatched battery life and connectivity options.

System Variants:

Polaris 0.6 Bar
KT-A-0110

Polaris 1.6 Bar
KT-A-0111

Polaris 10 Bar
KT-A-0112

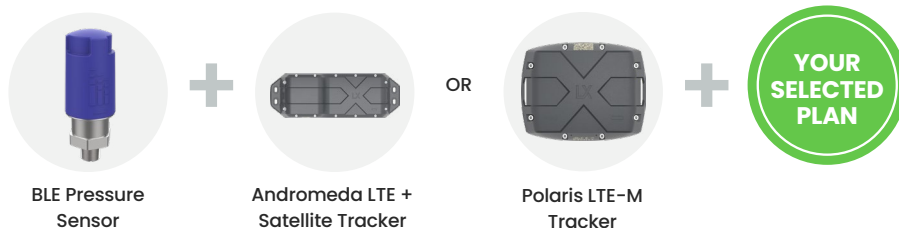
Polaris 400 Bar
KT-A-0113

Andromeda 0.6 Bar
KT-A-0114

Andromeda 1.6 Bar
KT-A-0115

Andromeda 10 Bar
KT-A-0116

Andromeda 400 Bar
KT-A-0117



Detection range	Up to 10m (5m in rain/dusty conditions)
Sensor technology	High speed laser retroflective beam
Laser	6.7nJ pulse @ 680nm (red)
Laser classification	Class 1
Power source	Solar kit
Operating temperature	-20 to 60°C
Cable length	2m



Andromeda LTE + Satellite Battery Powered Tracker

SKU: ETCS2A-M1

Powerful, efficient GPS tracking with satellite fallback, for reliability. . . built in.

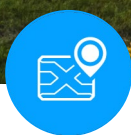
For reliable tracking of an asset/vehicle, even where LTE (cellular) coverage is unavailable. Andromeda uses hybrid connectivity including satellite capability, ensuring you see where your assets are and enables remote sense applications. Battery powered so you can fix it to powered and unpowered assets, Andromeda is a power and cost efficient way to get eyes on the assets that matter to you. Designed by the experts in rugged, low-power IoT devices, and uses best-in-class low-orbit satellite connectivity. Easy installation and activation – get up and running in minutes, with different profiles dependent on your needs.

Radio	LTE-M WiFi Bluetooth Satellite
Region	Multi region LTE-M. Supported bands: 2, 3, 4, 5, 8, 12, 20, 28. Myriota Service 1 and Service 2 variants
Firmware upgrade	Via Incyt Dashboard over Cellular (config using app over BLE coming soon)
Power	Replaceable Industrial Lithium Thionyl Chloride primary battery pack
Location sense	BLE Beacon and Scan, WiFi Scan, GPS
Size + weight	54 x 80 x 230 mm, 0.5kg
Enclosure rating	IP68 / IK08
Mounting option	Screws, bolts or rivets
Packaging	Single unit retail box
Storage	12 months shelf life prior to activation
Certifications	FCC, CE, RCM, BT Sig
Temp. Range	0°C to +40°C recommended (max. range -20°C to +60°C)





LTE-M



Antares Tracker + Gateway

Track and deploy machinery area networks with Antares Gateway.

Track key assets such as vehicles and machinery with the Antares LTE-M tracker. Rugged and loaded with next generation technology for indoor and outdoor tracking support, Antares is capable of deploying a Bluetooth machinery area network around the asset enabling the detection of beacon based devices such as Lyra. Provides location history for assets that move regularly such as trucks, utes and tractors; create geofences; or use in static installations for detecting Lyras in warehouses and machinery sheds. Also available in Advanced Sense which has the ability to sense a range of environmental factors including temperature, relative humidity, and air pressure.

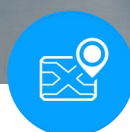
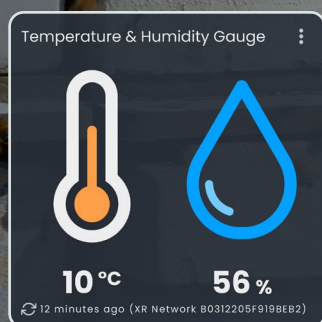
Power from a 12V vehicle supply for mobile applications, or for static applications plug into mains power or a solar kit.

System Variants:

Antares LTE-M Tracker + Gateway
SKU: ETCH1A-GW

Antares LTE-M Tracker + Gateway
with Advanced Sense
SKU: ETCH2S-GW

Radio	LTE-M WiFi   
Region	Multi region LTE-M supported bands: 2, 3, 4, 5, 8, 12, 13, 20, 28
Firmware upgrade	Via INCYT App over BLE or Cellular
Power	Power from mains via USB-C power pack, 12V vehicle supply or Solar Kit
Location	GPS, WiFi geolocation, BLE Beacon and Scan
Size + weight	50 x 110 x 114 mm, 220g
Enclosure rating	IP68/IK08
Mounting options	VHB + screws or rivets
Certifications	CE, RCM, BT Sig, FCC
Temp. Range	-10°C to +60°C recommended (max. range -20°C to +80°C)



Lyra Bluetooth, Battery Powered Tracking Beacon

Compact ultra-long life Bluetooth Low-Energy beacon for low cost asset monitoring.

The Lyra is a small beacon device utilising Bluetooth Low-Energy technology to achieve a battery life of up to 5 years. Provides the last known location region of your assets since last contact with a Bluetooth listening device such as the Antares or Polaris during a listening window.

Its small size, low cost and easy peel 'n stick installation makes it ideal for smaller or lower value assets that are typically stored and transported within range of an Antares. Has internal temperature sensor for reporting and recording thermal levels.



System Variants:

Lyra Bluetooth, Battery Powered Tracking Beacon

SKU: ETBL2A

Lyra Bluetooth, Battery Powered Tracking Beacon with Advanced Sense

SKU: ETBL1S

See the Lyra in action!



Radio	Bluetooth low-energy
Battery	Non replaceable Lithium technology
Typical behaviour	Beaconing every few seconds with last sensor reading included in beacons (refreshed every 15 minutes)
Size and weight	21 x 38 x 45 mm, 36g
Enclosure rating	IP68 / IK08
Mounting	VHB high strength adhesive, security metal bracket, cable-tie
Certifications	FCC, CE, RCM, BT Sig, UN38.3
Temp range	Temp. Range: 0°C to +40°C recommended (max. range -20°C to +60°C)



Allabah Pastoral, Wee Waa, NSW.

"Instead of jumping in a ute and being gone for 40 minute to simply check a water tank, irrigation ditch or stock trough, this can now all be done from our phone. This is a big benefit to us and saves us lots of time and vehicle costs if you add all this up over a year's time." – Ben Watson.



EASY Liquids, Moree + Boundary Bend, NSW.

"With INCYT we're achieving a lot of operational efficiency as well as peace of mind that our inventory is indeed what we think it is." – Dale Richter, National Operations Manager.



Printhie Wines, Orange, NSW.

"This is why I think INCYT will play such a key role in our operation in future: helping us get ready to face challenges and has increased our curiosity of what's possible." – David Swift.



MacIntyre Downs, Goondiwindi, QLD.

"INCYT has been a great crew to work with. From the purchasing side to the installation side, to the backup support and media, they really have. So I couldn't recommend them highly enough." – Hamish Johnstone.

INCYT

Explore the real-world success stories showcasing
the impact of INCYT's asset monitoring, tracking, and
control solutions.



